Application No. 10/577,310 Docket No.: 0760-0354PUS1

Amendment dated: June 24, 2009 Reply to Office Action of March 2, 2009

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An anti-SARS virus monoclonal antibody against nucleoprotein

of a corona virus which causes severe acute respiratory syndrome (SARS), or an antigen-binding

fragment thereof produced by a hybridoma prepared by using as an immunogen the

nucleoprotein of said coronavirus, said nucleoprotein being expressed by a vector in which a

nucleotide sequence shown in SEQ ID NO: 1 is incorporated, or an antigen binding fragment

thereof.

2. (Original) The anti-SARS virus monoclonal antibody or the antigen-binding fragment

thereof according to claim 1, which is a monoclonal antibody.

3. (Canceled)

4. (Currently Amended) The anti-SARS virus monoclonal antibody or the antigen-

binding fragment thereof according to claim [[3]] 1, which monoclonal antibody has binding

specificity of the monoclonal antibody produced by hybridoma rSN-18 having an Accession No.

FERM BP-10143, hybridoma rSN-122 having an Accession No. FERM BP-10144, hybridoma

rSN-150 having an Accession No. FERM BP-10145, hybridoma rSN-21-2 having an Accession

No. FERM BP-10146 or hybridoma rSN-29 having an Accession No. FERM BP-10147.

2

GMM/LTP/nmb/la

Application No. 10/577,310 Docket No.: 0760-0354PUS1

Amendment dated: June 24, 2009 Reply to Office Action of March 2, 2009

5. (Withdrawn) The anti-SARS virus monoclonal antibody or the antigen-binding

fragment thereof according to claim 1, which monoclonal antibody is produced by a hybridoma

prepared by using as an immunogen the amino acid sequence shown in SEO ID NO: 3.

6. (Previously Presented) A hybridoma producing said monoclonal antibody according to

claim 1, which hybridoma is obtained by fusing an anti-SARS virus monoclonal antibody-

producing cell and a tumor cell.

7. (Currently Amended) Hybridoma rSN-18 having an Accession No. FERM BP-10143,

hybridoma rSN-122 having an Accession No. FERM BP-10144, hybridoma rSN-150 having an

Accession No. FERM BP-10145, hybridoma rSN-21-2 having an Accession No. FERM BP-

10146 or hybridoma rSN-29 having an Accession No. FERM BP-10147, which hybridomas

produce said monoclonal antibody or the antigen-binding fragment thereof recited in claim 1.

8. (Previously Presented) An reagent for immunoassay of SARS-causing coronavirus,

comprising said monoclonal antibody or an antigen binding fragment thereof according to claim

1 as at least one of immobilized antibody and labeled antibody.

9. (Withdrawn) An immunoassay device comprising a detection zone having an anti-

SARS virus antibody immobilized on a matrix through which liquid can be transported; and a

labeled reagent zone on which a labeled anti-SARS antibody is spotted in such a manner that

said labeled anti-SARS antibody is mobile; at least one of said antibody immobilized on said

3

GMM/LTP/nmb/la

Application No. 10/577,310 Docket No.: 0760-0354PUS1
Amendment dated: June 24, 2009

Reply to Office Action of March 2, 2009

detection zone and said labeled anti-SARS virus antibody being said monoclonal antibody or the

antigen-binding fragment thereof according to claim 1.

10. (Withdrawn) The immunoassay device according to claim 9, wherein said label is an

enzyme and wherein said immunoassay device has a substrate at a region upstream of said

labeled reagent zone in said matrix, said substrate reacting said enzyme.

11. (Previously Presented) An immunoassay of SARS virus, comprising detecting said

SARS virus in a test sample by an immunoassay utilizing antigen-antibody reaction between said

anti-SARS virus monoclonal antibody or the antigen-binding fragment thereof according to

claim 1 and said SARS virus in said test sample.

12. (New) The anti-SARS virus monoclonal antibody or the antigen-binding fragment

thereof according to claim 4, which is a monoclonal antibody.

4

GMM/LTP/nmb/la